

ANTIMCLATT

0027

1969



IMMEDIATE
R.M.R.

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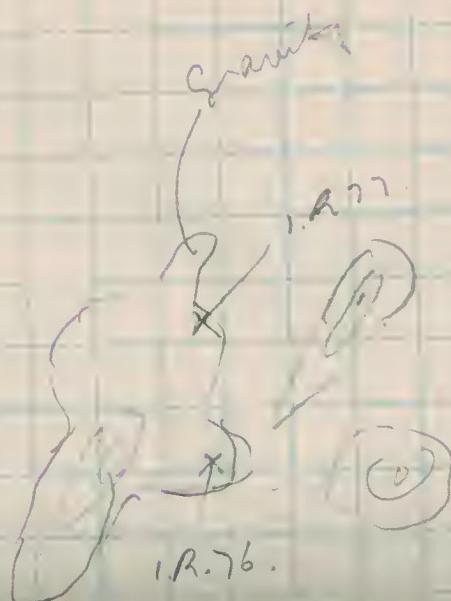
Mark 632/1A 76.

72

1

✓ 1.R76, 69280177
69°51'S, 75°28'E

1.R77 6928
do



27/1/69. Northern Pyrds, Baffin

? Bogd

? Svarthausen NTH

WIE Altimeter 150 at 1200- at camp.

photo 83/318/9108

638, Nunataks 220. Rock saddle north of line 22f. two main peaks. Pyrocl. abt - bed on c 300d whisky banding of mafics. Spec of typical - rock (spec 76) str N 360, 85°W. A few bands of dark mafic abt 1 cm wide. Rock face / fresh & ice smoothed. Rock lithology uniform. Further north, pyrocl. is less common, abt more abundant, and minor red garnet. Banding is more irregular (spec 77). A few lenses of blue-grey abt a few cm wide, one abt 1 m. wide, and some discordant st veins abt 2 cm wide.

Abr of west is N³⁶⁰, V. no
inception visible.

Alt 520' abt 11:0. Abr 10 ft
higher. Peaks abt 250 ft higher
by altitude. Station on tongue
of rock projecting north from mass

632. Peak 9:0. Not able to
see! Ird. Well rounded Boyd
^{Photo}
^{ab638} grasses, abt same ^{NH}
R. base, top vert. rocks
look like fine sand CM
One abt 3 m. to 11 ft vs. abt
bd. d. older stone & light,
bands up to 1 m. wide
app. n. much rounded
but colored massive

= Westknobler
NK

Photos 83/318/8119 Helicoptr. took
612. A peak 140 m. P. S. foraching
over.

Rock is pink but gray,

ω

some pinkish grey like
Collins N.W. etc., but most
stained dark brown by iron.
They generally form 70-80%
and are usual blocking type
are. abt 5 cm long. Exposure
slabby but brown rock
tends to be ~~all~~ broken
along surface, and parts of
me some of these frags at
downstream end of low
outcrop.

Light type seems to
grade into brown type, which
at first glance has a
charnockitic look, Biot
content of each abt 15%.

Moraine is mostly gravelly
types, mg + cg and purple
+ eg., something but Qd
predom.

Bands of pebbly rock in
main mor. up to $\frac{1}{2}$ m ^A

✓ I.R. 78 69280107
69°51'S 74°58'E

✓ I.R. 79 69280108
do

✓ I.R. 80 6928
do

Photos 1961/31, 32, 33, 34

M 86212

Cavities on summit,
wide, no general trend.

Spec's of lt colored gran
(spec 78) and dark (spec 79)
and of rather esagonian eq.
type of dark (spec 80)

M862/2

1961/31, 32

Photo of site, colour, & of
dark lt (light) rock, (color), 1961/34
A vein 5 cm wide, also p
edge uniform width, straight
of my last granite.

Thickness $\frac{1}{2}$ meter approx.,
sound, e. mg last gran
some conc of last at edge
grades into lt purple biotite
over 1-2 cm. Photo com

1961/33
?Photos of well fail (or #160)

Photo 83/31 of 9/19

s.w. Vastkinnatten

64. NO crop to s on W side of
plains (see photo) 1
cm N side 3 cm S

51

C. fine dykes. Not landed
Rock is described mostly
light colored - some
dark slate, gray or
downstream facs.

MEKNATTANE NUNATAK

Meknattane Nuk = waterfall
viles

642. Point 160, east end of
Polar branching fl.

Photo 83/318/8124

Major units seem to be
porphyritic gran, but they
rather smaller and not
so common.

South end of mass, like
the contact zone first of
feld gneiss visibly bounded
very visible probably of
first (green b.) sandy soil
bands several ft. up, but
bands seem to go further

✓ 1.R 81 6928

69°52'S 75°10'E

✓ 1.R 82 6928

do

✓ 1.R 83.A,B 6928

do

✓ 1.R 84 6928

do

Altitude very variable, but
alt. 11000' been common.
Rocks often hard, compact
in weather, little fissile, but
at same time but dissolving
mostly. Poles of granite may
be observed. Different
schistose in grade one to
another. - unsatisfactory - "mixed
rocks".

Some granular pyroxene
feld. rock also, but
seems minor to be of green.
Spars (spec. of feldspar
(spec. 21), but green
(spec. 22) and pyroxene feld
green (spec. 23). - A+B.
Some feldspar
little feld., cont. clinopyroxene
upto 1 cm across of pinkish
garnet, some & leucite too
upto 15% of rock. (Spec.
1. R 24)

VIRASAP

do

6928

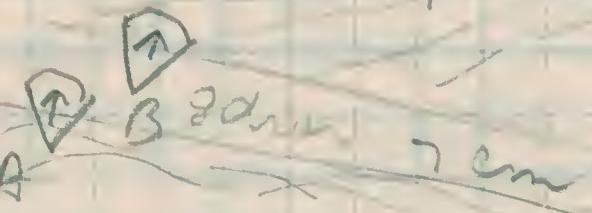
6928

6928 0178

(C)

Dimensions contd?

c 9 gram ^{not} leucophen

baf  2dm 7 cm

VIRASAP 6928 0179
69°52'S 75°10'E.

Worn colored granite
regular bed. dip $8^{\circ} 30'$. bedded
lt in dk & light areas
upto 10 cm wide, N20, 40
°, quite uniform, unlike
further east where
containing common.

Colored gr. on N side of
saddle, N 360, 20° e see sketch
just above. A few
laps across contact
(Spec 25 A, B, C.)

Spec of granite from 20' west
point (Spec 26) 1. lens
topped. A few felsic lenses
nearby.

Alt 435 ft at 1345.

A few felsic lenses
main part.

Photo 196136.

Photo 196136
of S end + of man
mass (aerial)

Ht of peak abt 650 by a trig.
more or less nearly like last but
some big blocks of c. g. biot
? Charn, & big field.

643. Pt 170 is slope of mountain
down north, pink granite.
No Idr. sq. ^{East} _{South} of
Photo 93/3c/9149 Meknattau

Photo 93/3c/9161. Dodd Is
644. Point A¹, east of Pt 2 - Red
Rudom. 2 am abt fed grass
& rock parts, as at Pt 1.
Peak, some QF grass &
no biot grass, same type
fed grass. Wind blowing
over by last - QF grass
and b. bands of P.F. grass
 latter 3 m. in width

-1.287 69280180
69° 44' S 75° 34' E

-1.288 69280181
do

and dense wood.

Ground very like sand
NE of Mt C. Mitchell.

Sandstone N 40°
pitching S E at about 20° .

Trend westward
axis, dips generally south
 $20-30^{\circ}$, some north.

Some bands of pliocene
mud.

Mud

at
first
surface

- Shaly outcrop, no fossils
and disturbed.

Sheets of bent G. P. 2.200
(spec 87) and py. feldspar
(spec 88).

A few of bent greenish
+ feld - a bit.

Parts of greenish G. P.
over shale.

In one specimen banded
but GDF ^{is} slightly
folded, ^{and} ~~it~~ cut
across by felicite material
which ~~are~~ ^{are} identical to
felicite material bet. bnd. ^{color}
~~phot.~~ A ^{large} ~~large~~
Abt 3 cm wide nearly.

Photo of rock banded on
one side slab from north

Altitude ~~3~~ ⁵ ft at 14 x 5.
Gravity on flat part of northern
slab.

NUNATAK 131

6x5, French Cr Stein ls

Photos 93/3c/9167

Position w^t GDF on c

Auger of bed up to 5 cm
mostly rounded. Parts look

1. A 89 69280182
69° 42'S 75° 41'E

typical green grass. Spec
(spec 89) fairly typical, but
fewer grass than coverage,
which is still 20%.

~~Lat. 65 N. 15°~~

cols N 15°, 20° SW.

Coverage begins thin scattered
in parts, but follows even,
85% with patches

Some runs of red shale
normal to surface, 5 cm
wide, straight, uniform.

Rusen not common in flats
and rock bases looks like
typical lith. 9, 95.

After bird-rich bands
and some bands of approx. 100
green, possibly partially replaced
light.

Col 3 sp., possibly a sheath
grass, 2-3' tall, 2-3' diam.

✓ 1.R90 69280183
69°42'S 75°41'E

✓ 1.R91 6928
do

✓ 1.R92 6928
do

to consist of several short
grains - either like a
cipated or dentate
shape.

In a few other places
angular and pointed like the
grey mostly in high rock
parts. (Spec 92)

Spec (Spec 90) of grey
feld sand adjoining CQ =
and of other weathered
boulders (Spec 91)

Some clearing, then
mylonitic veins in one
spot

✓ 1.R 93 69280184

69° 35' S 75° 24' E

Photo 93/3c/7170 Sestrene ls.
6/6 Island 140 in group
Ses. Ringers.

GPF and frost, GPF, with
good whispy boulders, some
pebbles and fine sand grains
up to 5 cm. thick, some
of which in part break
into smaller sizes.
Ses. Igneous

Constant site 11350, 2 E
possible location pitching S
toward 70°.

GPF mostly along n g
+ pinhead garnets, but
common in places + per-
sisted clusters of garnet
Spec of typical (spec 93)

On middle is well rounded
but ~~poorly~~ well rounded pebbles
up to 5 cm., sharp edges

11.12.94 69280185

69° 35'S 75° 24'E

limestone patching $\frac{5}{8}$ at
 70° prob reprec.
fall over ~~soil~~
After N 350 V

Rock in valley shattered into frags.

Spec of ~~topped~~ limestone
with band (Spec 94)

Q9E sudden top, no clay
or minor lith., and mostly
lightly permeated by lime as
eq. spec 93. Some white
on grey bands.

Much of surface shattered
into frags, possibly due to
shearing.

A q. at field ~~gives~~ cuts
normal to the through
Q9F + BP + greens.

Some very thin lenses along
edge of Q9F cut acutely
across the planes.

69 280186

M.R. 95 A, B

69°32'S 75°38'E

Probably a small fort
now at the end of the bay.
Slightly crowded.
NW. peak of island very dark - almost
black.

Other islands of group seen to the
island from air.

647 Island 90 in north Polynesia
photo Best off island 1929
9113B
9284. Very good white sandy
beach, some drift rock
wash up between; gam-
es on beach, except
along some banks
which look like rock
at 90 646.

Specs of typical grass (Spec 95
A & B). Spec A is typ. of
comp, but some is coarser
than average. Spec B has
typical texture but more fine
than average. Much of it yellow
grass has a reddish tinge. 6

✓ 18.96 69280187
69°32'5" 75°38'E

Photo M 86214

Concordat & greenish a
blue of ~~the~~ the veins
at field edge are blue
some are pale grey-
white at field edge about
10 cm across have blue
bands across them and
no red colour of veins
Grows in field stripe.
Spec (Spec 1896) typical
of latter except that
the bands can be up
to 10 cm across, since
the green is quite sharp.
Bands are 1-2 m wide,
constant in width. A
portion of its veins 5-10 c.

Str is upright. N 350, 70 w.
in 12 rods, i place
contd p 12.

For N 12 rods (min.)

M 8824 ?

✓ 11297 69280188
69°32'S, 75°38'E

Photos 192/1, 2, 3

197/6/2

(2 col 7 + of 97) 1st edition

197/3 Green (1 col)

Species photo from gap cutting account.

Alt. 2300 at 16 x 5. Gravity
padding in valley, 5 ft higher
than helicopter.

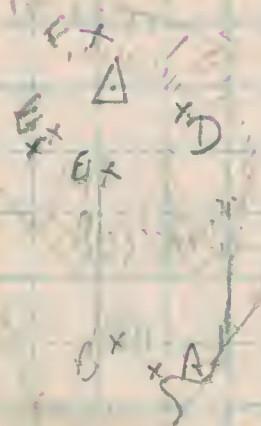
1st at camp 2400 at 17:2

by cont. A few bands,
blackish into black,
seen to cont gray.
white was the first
(Spec 97) from south side
of valley in which landed.

6Q280130

I.R.98 A $69^{\circ}42' S$, $73^{\circ}46' E$

B
C
D
E
F



Aerial photo
M862/9, 10, 11,
12, 13.

↓
N

7/14/69

Hanson Is age dist. spec.
R. to Art 73/318/9086

642. Spec's for age dist. all
coll. by explosive except
as indicated.

A. Best. Spike. coll. by hammer.
Creamy, little best.

Dyke prob. abt 1 metre wide
Contact c. rough & on not
visible. Good cross jointing
and went it suggest dip v
slope west. Abt N 360;
Appears irregular in char.
and comp.

A few straight veins, 1-2
cm wide, of eq sh + red, which
seem to cut across dyke.

Spec from top of cliff
falling into sea.

20° from where spec

L.R. qRB 6928.0131

collected, contact is dark
but rock of spec B. contact
sharp, is margin to cm wide
of grains normal to contact
and coarser than rest of
dyke. Contact appears to
dip west at 15° . Strike
about N 40° . May have
been some movement of
rock but not much, as
~~big~~^{blocks} more often in the
arrangement seen in place.

50' further along dyke,
dyke cut sharp edged
monoliths abt 15 cm long
and sections of rock
like B.

B. c-mg. hist rich dolomite,
equivolumar, massive.

L.R 98C 69280132

Spec coll 20' from a green
contact older shale, but
at least 3 miles from
aplite dyke (above it).

Occ. as pale greyish +
brownish, thin to thick.
2 m. not known but prob.
a few which. At Park
Ridge 3 m. across and 10
metres high, horizontal
bending, alt N 36°. Spec
from higher part of cliff
~~not from base~~

Indicates a westward
of base (the first near
spec A) to the right of main
outcrop to be ~~higher~~
lower than spec.

c. 10' from summit camp,
which has N 230° is
(spec for line)

cq. best gran. & for phen.
and more broken
topical rock. Organized
to typical granite rock mass.
but forms widely ~~sifted~~
jagged slabs of massive size,
and blocks $> \frac{1}{2}$ metre
mass is abt 6 m long
& across, and apparently
broken by topographic
strain, however almost
completely disengaged. One
small block of possible
circular, abt 10 m long,
but tips weathered, but
contains copper sulph.
mass, which is pink &
timber, seen only
as a massive grit
for scattered field. phen.,
as in spec.

The slope abt NNE.

IR 98D 6928 0133

IR 98E 6928 0134

D. 15° from summit, which lies N 120, is another and generally
similar to one of Spec C,
but about 2 m across and
4 m long. Along N 120.
A slab about 3 cm thick of
typical sand. Along one
side, contact as p.
Crum up from side by
weathered joint filled with
sand or other waste.

E. 15° from camp, bearing S it
N 29.5° E is probably unbroken
of Spec C, but 3 m across,
cont minor break. Surrounding
rocks do not fit, but on

1298F 6928 0135

South + west (mag) - will
be best due to suns,
Appl. suns warm + uniform
& scattered here. In some
ways heat is more common
and is in whistling birds,
from in sun not from

F. 10th from camp, which bears
N 26°, typical granite,
fairly fresh bedrock
part of it by gravel
gravel. Top off of cliff
is 3 m toward camp
and divide between
highest exposed as
10th to N (mag). Pile of
unstratified rock 5 m.

IA 98G 69280136

away, elongate, which if
fertilized would pass
from first to second week.
Anthers and -nephri could
represent a shear but
germata, in which case
then should be good
spores. Nests are formed.

9. This is from cage which
was No. 200. It has already
budded part of S. d. p. ~~but~~
which are common around
Forest Knob & St. Louis,
both small.

1298H SB 6928 0137

H. 60' Bon can which
bears N^{105} , at top of ~~old~~ dip
down to lower middle dip
purple gran. on this flat,
well bed N 3 $^{\circ}$ 60', its $\frac{1}{2}$ to
2 miles apart. This east
tier, 4 m. away, and
bottom of last which
20 m. away.

Cross ~~for~~ several jts to
master jts, dip west.

IR 99 A 69280138



15/2/69

Landing Bluff age dts.

Beds west of summit of antecap.

6/9. Spec coll by 2 species
~~which otherwise shown~~

Spec nos spec 99 A-E

A. Phenocast poor light grayish,
more light tan upper part
gray. Phen up to 10 cm long
& 5 cm wide, but most abt
4 cm long and 1 - 1 1/2 cm wide.
May cont mil of bent flakes,
angular. Spec is spalled with
or at best 2 cm thick, can
go west. Forms west for 35 ft
when one pinches, is able
to escape & sink deeper,
but often none present off
in phen.

2' to west is band 10
cm wide of broken rock
either a shell or more.

photo M 86-2115.

likely a series of close joints
which have allowed
weathering. (Spec 99 A1).
Trends N. 15° 75° E.

Some rock faces seen to
show alignment of bed
planes, one face striking
E-W (one approx) has
vert alignment, but no
parallelism of planes on
horizontal surface on top of
that face.

Began to ascend 11:30 A.M.
See 10 m. from dry creek
20 m. towards ground looking
for planes or signs in 11:45
Cret. N. 15° and dips N. W.
Good alignment - sample
of planes are 4-5 sq meters

M862115 Photo Plate

IR99B OTS 69280139

B. Bearing to N 32 $^{\circ}$ S
131' 12 m from edge of
rock. Rock - s. is.
that of A, but phn possibly
a little more common.

Thin bed for 10 m
sand.

On lower bed,
phn on east(?) face
gently sloped, dips south(?)
at 70°.

13 m thick almost a
m of white pebbles up to 2 cm
wide, rock on each side
finer, greyish and just
with a 5-10 mm gap.
Pebbles predom. white
phn in a sand, I c. my
best finds & very much
wtr.

Only 3 m long, low tendency
N 10° land dipping west 60° 29
60.

IR 99c 69280140

Photos M 962/16,17.
19813.

c. Typical granite pinkish
phen. Doe from on edge of
rock, ~~near~~ ^{about} 1 m. N 360.
In places one section
of older coarse rock
mostly only about 10 cm wide
and 1 meter or less long.
5 m to south (7) rock cont.
using patches of white
up to 10 cm across.

7 m to north (1) is slope
of coarse rock, up to 2 m wide
at best composed, possibly
a sand. Contains (1) pinkish
pinkish granite (2) pinkish
abt ¹⁰ cm thick has white patches
of white in it. In the dip
45° N. (Spec. 99 C 1)

Photos

(B & W + color)

MP62/16,17

198/3 30

IR99D 69280141

Photo M862119.
19814

D. Below to ground & N 30°
On S. of east T. side of steppe
Dune or sand about 2 m wide
can be over 6 m. low s.
summit from low and outer
edge of snow. Sand N.W.

On N (T) side, grades
into typical granite ~~sand~~
~~bottom of 15 cm~~ through
band 15 cm wide with
similar texture to ground mass
of granite but no fine pheny
reaction on either side
gray by well defined, brilliant
m862 19
19814 ~~dark~~ Rock (photo)

Both ~~is~~ granite
except for bright yellow
apatites and one or two
big sulphur.

E. On south or S. side of
(dike end) and sept.

LR 99E 69280142

Photo M 86218

found by a few men
of what was to be normal
people you is mass of
hot rock, & scattered
widely. Possibly formed
along a shear. Masses
at least 40 cm wide in
one place. Rest of exposure
broken, but seems to
have bent, very stiff &
not long at least. Bright
rock is sharply sep. from
gray but it is hard. And
does not typical granite
to south. A thin (1 cm)
feldspar vein cuts through
granite to S and hot
rock. (Photo).

M 86-2118

1R99F 69280143

Photos M86215-19

198/3,4.

M86215
Photos of ~~area~~ (b/w)

- M86216 contact b/w dyke & gran
near C (b/w), gran
M86217 typical of C (b/w + col)
19813
M86218 best rock at E (b/w) and
M86219 dyke of D (b/w + col).
19814 Shows magmatic zones

Patches of granite have
red feld + plagioclase + biotite
but ~~the~~ but are otherwise
technically & mineralogically similar
to normal rock. These
patches are scattered widely
in contact and seem to
grade into normal rock
over distance of some couple
of metres. Spec (spec
99%) of rock is not
most altered variety. (from near C)

Patches of best rock are
in several places, some

photo m₈₆₂/20-24

near (darker or tan) tinge
that of 99 D. It is less
than 5 cm wide, long
(at least 20 m for one)
fairly straight. In
other places are ring
patches of sun rock
forming big network,
each with only 5-10 cm
width.

Aerial photos of sites

M062/20-27

12100A 6928.0144.

650. Landry Bluff, aged
Spec nos 12103 A

A. ~~dark greyish black~~
gray, white bed per.
Run rock for 10 m.
a band.

Probable shales in to
south (1), trending out NW
marked by fossil streaks
and some thin, very
thin, ~~thin~~ lenses. Lens
about 20 cm wide, dipping
out at E. 1

White or light gray
shales, ~~thin~~ bed, 10 m to
(W.L.) 1.5 cm thick, trend
N 40° V and possible
shale, 10 cm thick, another
5 m away

20 m to drift (?) a band of
bedrock, N 220°, 20 cm wide

1R100B 692801X5-

Lipped in very thin
bed - in south of loc.;
near sheer noted above.

B. Very typical purple bed
green, pinkish green,
purple. Run for 20 m
at least each young cliff
1/2, and weathered, rounded
edges also seen typical.
This is 3 m above base
of cliff 15 m west (7) of
step slope to east (7)
is rather mg. but red
but fine pink sharp sand
granite, at $\frac{1}{2}$ m across

1R100C 69280146

edge abt 1 m west of
loc.

c. Plumbate dyke, contacts
not good, but seems
other shales general
trend N 30°, dip west.
Abt 1 m width, dipping
steeply, which is 30 m from
on S.E. (+) side of slope
down to surface.
Sand near loc., band of
dolite changes from N 30°
to N 60°.
Rock seems uniform.
Comp except for slight
change in grain size and

In back, cut through
margin of sandstone
soil, made of fine gravel
from across, abt. 5 cm
wide, gradually turned
gray by addition of loam,
soils over 1 cm or so,
into dolomite by change
of grain size over 2-3
cm.

Vein of massive white
or yellowish white along
center of dyke at 1 m.

Dyke seems to be some
higher down to just
abt 1 m, but occupies

at least which occurs in
to 3 (?) some places,
but generally like this
on Samsø I. S. lies
abt 1 m. up

Extensive sheeting
mfr. which is m to south
of loc., and part right
N.W. corner 2.3 miles west
rock type does not

Dyke sheet is till - like

Dyke sandbed. Dyke
sheets not important in

Till sheets for couple of
blocks boulders etc.

on either side south of
edge of zone, but have
prob done for a crop
boulders often - zone.

Dyke mostly exposed at
edge of boulders &
gravelly gravel on each
side. Cuttings & gravel
every couple of places.

I used to be in a
ditch, drops down to
street like, it's about
one hand width. 50 cm,
other no, it's a spot
~~monolegion~~.

Photos of valley from air

M 862/22, 23

Notes on rocks coll by
J. Barn from Amundsen
Island (Unalaklik) by J.
Hanson.

JB 82 by far the most
common.

JB 83 second most
common, esp on
southern island

JB 84 org. as veins
on north part of southern
island, 1st with Chondro
(Alt 10-15%).

